S. 37

To enhance the management and disposal of spent nuclear fuel and highlevel radioactive waste, to assure protection of public health and safety, to ensure the territorial integrity and security of the repository at Yucca Mountain, and for other purposes.

IN THE SENATE OF THE UNITED STATES

May 23, 2007

Mr. Domenici (for himself, Mr. Craig, Mr. Burr, Mr. Crapo, Mr. Demint, Mr. Graham, Mr. Hagel, Mr. Thomas, Ms. Murkowski, Mr. Bunning, and Mr. Martinez) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To enhance the management and disposal of spent nuclear fuel and high-level radioactive waste, to assure protection of public health and safety, to ensure the territorial integrity and security of the repository at Yucca Mountain, and for other purposes.

- 1 Be it enacted by the Senate and House of Representa-
- 2 tives of the United States of America in Congress assembled,
- 3 SECTION 1. SHORT TITLE.
- 4 This Act may be cited as the "Nuclear Waste Access
- 5 to Yucca Act".

1 SEC. 2. DEFINITIONS.

2	In this Act:
3	(1) DISPOSAL.—The term "disposal" has the
4	meaning given the term in section 2 of the Nuclean
5	Waste Policy Act of 1982 (42 U.S.C. 10101).
6	(2) High-level radioactive waste.—The
7	term "high-level radioactive waste" has the meaning
8	given the term in section 2 of the Nuclear Waste
9	Policy Act of 1982 (42 U.S.C. 10101).
10	(3) Project.—The term "Project" means the
11	Yucca Mountain Project.
12	(4) Repository.—The term "repository" has
13	the meaning given the term in section 2 of the Nu-
14	clear Waste Policy Act of 1982 (42 U.S.C. 10101).
15	(5) Secretary.—The term "Secretary" means
16	the Secretary of Energy.
17	(6) SPENT NUCLEAR FUEL.—The term "spent
18	nuclear fuel" has the meaning given the term in sec-
19	tion 2 of the Nuclear Waste Policy Act of 1982 (42
20	U.S.C. 10101).
21	(7) Yucca mountain site.—The term "Yucca
22	Mountain site" has the meaning given the term in
23	section 2 of the Nuclear Waste Policy Act of 1982

24 (42 U.S.C. 10101).

1 SEC. 3. WITHDRAWAL OF LAND.

2	(a) Land Withdrawal; Jurisdiction; Reserva-
3	TION; ACQUISITION.—
4	(1) Land withdrawal.—Subject to valid ex-
5	isting rights, and except as otherwise provided in
6	this Act, the land described in subsection (b) is with-
7	drawn permanently from any form of entry, appro-
8	priation, or disposal under the public land laws, in-
9	cluding, without limitation—
10	(A) the mineral leasing laws;
11	(B) the geothermal leasing laws;
12	(C) materials sales laws; and
13	(D) the mining laws.
14	(2) Jurisdiction.—As of the date of enact-
15	ment of this Act, any land described in subsection
16	(b) that is under the jurisdiction of the Secretary of
17	the Air Force or the Secretary of the Interior shall
18	be—
19	(A) transferred to the Secretary; and
20	(B) under the jurisdiction of the Secretary.
21	(3) Reservation.—The land described in sub-
22	section (b) is reserved for use by the Secretary for
23	activities associated with the disposal of high-level
24	radioactive waste and spent nuclear fuel under the
25	Nuclear Waste Policy Act of 1982 (42 U.S.C. 10101
26	et seq.), including—

1	(A) development;
2	(B) preconstruction testing and perform-
3	ance confirmation;
4	(C) licensing;
5	(D) construction;
6	(E) management and operation;
7	(F) monitoring;
8	(G) closure and post-closure; and
9	(H) other such activities associated with
10	the disposal of high-level radioactive waste and
11	spent nuclear fuel under the Nuclear Waste
12	Policy Act of 1982 (42 U.S.C. 10101 et seq.).
13	(b) LAND DESCRIPTION.—
14	(1) BOUNDARIES.—The land referred to in sub-
15	section (a) is the approximately 147,000 acres of
16	land located in Nye County, Nevada, as generally
17	depicted on the map relating to the Project, num-
18	bered YMP-03-024.2, entitled "Proposed Land
19	Withdrawal", and dated July 21, 2005.
20	(2) Legal description and map.—
21	(A) In general.—As soon as practicable
22	after the date of enactment of this Act, the Sec-
23	retary of the Interior shall—

1	(i) publish in the Federal Register a
2	notice containing a legal description of the
3	land described in this subsection; and
4	(ii) provide to Congress, the Governor
5	of the State of Nevada, and the Archivist
6	of the United States—
7	(I) a copy of the map referred to
8	in paragraph (1); and
9	(II) the legal description of the
10	land.
11	(B) Treatment.—
12	(i) In general.—The map and legal
13	description referred to in subparagraph
14	(A) shall have the same force and effect as
15	if the map and legal description were in-
16	cluded in this Act.
17	(ii) Technical corrections.—The
18	Secretary of the Interior may correct any
19	clerical or typographical error in the map
20	and legal description referred to in sub-
21	paragraph (A).
22	(c) REVOCATIONS.—
23	(1) Public Land Order.—Public Land Order
24	6802, dated September 25, 1990 (as extended by
25	Public Land Order 7534), and any condition or

1	memorandum of understanding accompanying the
2	land order (as so extended), is revoked.
3	(2) Right of way.—The rights-of-way reserva-
4	tions relating to the Project, numbered N-48602
5	and N-47748 and dated January 5, 2001, are re-
6	voked.
7	(d) Management of Withdrawn Land.—
8	(1) In General.—The Secretary, in consulta-
9	tion with the Secretary of the Air Force and the
10	Secretary of the Interior, as appropriate, shall man-
11	age the land with drawn under subsection $(a)(1)$ in
12	accordance with—
13	(A) the Federal Land Policy and Manage-
14	ment Act of 1976 (43 U.S.C. 1701 et seq.);
15	(B) this Act; and
16	(C) other applicable laws.
17	(2) Management plan.—
18	(A) Development.—Not later than 3
19	years after the date of enactment of this Act,
20	the Secretary, in consultation with the Sec-
21	retary of the Air Force and the Secretary of the
22	Interior, as appropriate, shall develop and sub-
23	mit to Congress and the State of Nevada a
24	management plan for the use of the land with-

drawn under subsection (a)(1).

- (B) PRIORITY.—Subject to subparagraphs (C), (D), and (E), use of the land withdrawn under subsection (a)(1) for an activity not relating to the Project shall be subject to such conditions and restrictions as the Secretary considers to be appropriate to facilitate activities relating to the Project.
 - (C) AIR FORCE USE.—The management plan may provide for the continued use by the Department of the Air Force of the portion of the land withdrawn under subsection (a)(1) located within the Nellis Air Force base test and training range under such terms and conditions as may be agreed to by the Secretary and the Secretary of the Air Force.
 - (D) NEVADA TEST SITE USE.—The management plan may provide for the continued use by the National Nuclear Security Administration of the portion of the land withdrawn under subsection (a)(1) located within the Nevada test site of the Administration under such conditions as the Secretary considers to be necessary to minimize any effect on activities relating to the Project or other activities of the Administration.

1	(E) Other uses.—
2	(i) In General.—The management
3	plan shall include provisions—
4	(I) relating to the maintenance of
5	wildlife habitat on the land withdrawn
6	under subsection (a)(1); and
7	(II) under which the Secretary
8	may permit any use not relating to
9	the Project, as the Secretary considers
10	to be appropriate, in accordance with
11	the requirements under clause (ii).
12	(ii) Requirements.—
13	(I) Grazing.—The Secretary
14	may permit any grazing use to con-
15	tinue on the land withdrawn under
16	subsection (a)(1) if the grazing use
17	was established before the date of en-
18	actment of this Act, subject to such
19	regulations, policies, and practices as
20	the Secretary, in consultation with the
21	Secretary of the Interior, determines
22	to be appropriate, and in accordance
23	with applicable grazing laws and poli-
24	cies, including—

1	(aa) the Act of June 28,
2	1934 (commonly known as the
3	"Taylor Grazing Act") (43
4	U.S.C. 315 et seq.);
5	(bb) title IV of the Federal
6	Land Policy Management Act of
7	1976 (43 U.S.C. 1751 et seq.);
8	and
9	(cc) the Public Rangelands
10	Improvement Act of 1978 (43
11	U.S.C. 1901 et seq.).
12	(II) Hunting and trapping.—
13	The Secretary may permit any hunt-
14	ing or trapping use to continue on the
15	land withdrawn under subsection
16	(a)(1) if the hunting or trapping use
17	was established before the date of en-
18	actment of this Act, at such time and
19	in such zones as the Secretary, in con-
20	sultation with the Secretary of the In-
21	terior and the State of Nevada, may
22	establish, taking into consideration
23	public safety, national security, ad-
24	ministration, and public use and en-
25	joyment of the land.

1	(F) Public Access.—
2	(i) IN GENERAL.—The management
3	plan may provide for limited public access
4	to the portion of the land withdrawn under
5	subsection (a)(1) that was under the con-
6	trol of the Bureau of Land Management
7	on the day before the date of enactment of
8	this Act.
9	(ii) Specific uses.—The manage-
10	ment plan may permit public uses of the
11	land relating to the Nye County Early
12	Warning Drilling Program, utility cor-
13	ridors, and other uses the Secretary, in
14	consultation with the Secretary of the Inte-
15	rior, considers to be consistent with the
16	purposes of the withdrawal under sub-
17	section (a)(1).
18	(3) Mining.—
19	(A) IN GENERAL.—Surface and subsurface
20	mining and oil and gas production, including
21	slant drilling from outside the boundaries of the
22	land with drawn under subsection (a)(1), shall
23	be prohibited at any time on or under the land.
24	(B) EVALUATION OF CLAIMS.—The Sec-

retary of the Interior shall evaluate and adju-

1	dicate the validity of any mining claim relating
2	to any portion of the land withdrawn under
3	subsection (a)(1) that was under the control of
4	the Bureau of Land Management on the day
5	before the date of enactment of this Act.
6	(C) COMPENSATION.—The Secretary shall
7	provide just compensation for the acquisition of
8	any valid property right relating to mining pur-
9	suant to the withdrawal under subsection
10	(a)(1).
11	(4) Closures.—If the Secretary, in consulta-
12	tion with the Secretary of the Air Force and the
13	Secretary of the Interior, as appropriate, determines
14	that the health and safety of the public or the na-
15	tional defense and security require the closure of a
16	road, trail, or other portion of the land withdrawn
17	under subsection $(a)(1)$ (including the airspace
18	above the land), the Secretary—
19	(A) may close the road, trail, or portion of
20	land (including airspace); and
21	(B) shall provide to the public a notice of
22	the closure.
23	(5) IMPLEMENTATION.—The Secretary and the
24	Secretary of the Air Force or the Secretary of the

Interior, as appropriate, shall implement the man-

1	agement plan developed under paragraph (2) under
2	such terms and conditions as may be agreed to by
3	the Secretaries.
4	SEC. 4. RECEIPT AND STORAGE FACILITIES.
5	Section 114(b) of the Nuclear Waste Policy Act of
6	1982 (42 U.S.C. 10134(b)) is amended—
7	(1) by striking "If the President" and inserting
8	the following:
9	"(1) IN GENERAL.—If the President"; and
10	(2) by adding at the end the following:
11	"(2) Application for receipt and storage
12	FACILITIES.—
13	"(A) In GENERAL.—In conjunction with
14	the submission of an application for a construc-
15	tion authorization under this subsection, the
16	Secretary shall apply to the Commission for a
17	license in accordance with part 72 of title 10,
18	Code of Federal Regulations (or a successor
19	regulation), to construct and operate facilities
20	to receive and store spent nuclear fuel and
21	high-level radioactive waste at the Yucca Moun-
22	tain site.
23	"(B) Deadline for final decision by
24	COMMISSION.—The Commission shall issue a
25	final decision approving or disapproving the

1	issuance of the license not later than 18 months
2	after the date of submission of the application
3	to the Commission.".
4	SEC. 5. REPEAL OF CAPACITY LIMITATION.
5	Section 114(d) of the Nuclear Waste Policy Act of
6	1982 (42 U.S.C. 10134(d)) is amended by striking the
7	second and third sentences.
8	SEC. 6. INFRASTRUCTURE ACTIVITIES.
9	Section 114 of the Nuclear Waste Policy Act of 1982
10	(42 U.S.C. 10134) is amended by adding at the end the
11	following:
12	"(g) Infrastructure Activities.—
13	"(1) Construction of connected facili-
14	TIES.—At any time after the completion by the Sec-
15	retary of a final environmental impact statement
16	that evaluates the activities to be performed under
17	this subsection, the Secretary may commence the
18	following activities in connection with any activity or
19	facility licensed or to be licensed by the Commission
20	at the Yucca Mountain site:
21	"(A) Preparation of the site for construc-
22	tion of the facility (including such activities as
23	clearing, grading, and construction of tem-
24	norary access roads and horrow areas)

1	"(B) Installation of temporary construc-
2	tion support facilities (including such items as
3	warehouse and shop facilities, utilities, concrete
4	mixing plants, docking and unloading facilities,
5	and construction support buildings).
6	"(C) Excavation for facility structures.
7	"(D) Construction of service facilities (in-
8	cluding such facilities as roadways, paving, rail-
9	road spurs, fencing, exterior utility and lighting
10	systems, transmission lines, and sanitary sewer-
11	age treatment facilities).
12	"(E) Construction of structures, systems,
13	and components that do not prevent or mitigate
14	the consequences of possible accidents that
15	could cause undue risk to the health and safety
16	of the public.
17	"(F) Installation of structural foundations
18	(including any necessary subsurface prepara-
19	tion) for structures, systems, and components
20	that prevent or mitigate the consequences of
21	possible accidents that could cause undue risk
22	to the health and safety of the public.
23	"(2) Authorization to receive and
24	STORE.—
25	"(A) Definitions.—In this paragraph:

1	"(i) Defense waste.—The term 'de-
2	fense waste' means high-level radioactive
3	waste, and spent nuclear fuel, that results
4	from an atomic energy defense activity.
5	"(ii) Legacy spent nuclear
6	FUEL.—The term 'legacy spent nuclear
7	fuel' means spent nuclear fuel—
8	"(I) that is subject to a contract
9	entered into pursuant to section 302;
10	and
11	"(II) for which the Secretary de-
12	termines that there is not at the time
13	of the determination, and will not be
14	within a reasonable time after the de-
15	termination, sufficient domestic capac-
16	ity available to recycle the spent nu-
17	clear fuel.
18	"(B) Authorization for defense
19	WASTE.—At any time after the issuance of a li-
20	cense for receipt and storage facilities under
21	subsection (b)(2), the Secretary may transport
22	defense waste to receipt and storage facilities at
23	the Yucca Mountain site.
24	"(C) AUTHORIZATION FOR LEGACY SPENT
25	NUCLEAR FUEL.—At any time after the

1 issuance of a construction authorization under 2 subsection (d) and the issuance of a license for 3 receipt and storage facilities under subsection 4 (b)(2), the Secretary may receive and store leg-5 acy spent nuclear fuel and high-level radioactive 6 waste at the Yucca Mountain site.". 7 SEC. 7. RAIL LINE. 8 (a) Construction of Rail Line.—The Secretary shall acquire rights-of-way within the corridor designated 10 in subsection (b) in accordance with this section, and shall construct and operate, or cause to be constructed and op-11 12 erated, a railroad and such facilities as are required to transport spent nuclear fuel and high-level radioactive waste from existing rail systems to the site of surface fa-14 15 cilities within the geologic repository operations area for the receipt, handling, packaging, and storage of spent nu-16 clear fuel and high-level radioactive waste prior to em-18 placement. 19 (b) Acquisition and Withdrawal of Land.— 20 (1) Route designation and acquisition.— 21 (A) RIGHTS-OF-WAY AND FACILITIES.— 22 The Secretary shall acquire such rights-of-way 23 and develop such facilities within the corridor referred to as "X" on the map dated 24

1	and on file with the Secretary as are necessary
2	to carry out subsection (a).
3	(B) RECOMMENDATIONS.—The Secretary
4	shall consider specific alignment proposals for
5	the route for the corridor made by the State of
6	Nevada and the units of local government with-
7	in whose jurisdiction the route is proposed to
8	pass.
9	(C) NOTICE AND DESCRIPTION.—Not later
10	than 180 days after the date of enactment of
11	this section, the Secretary shall—
12	(i) publish in the Federal Register a
13	notice containing a legal description of the
14	corridor; and
15	(ii) file copies of the map referred to
16	in paragraph (1) and the legal description
17	of the corridor with—
18	(I) Congress;
19	(II) the Secretary of the Interior;
20	(III) the Governor of the State of
21	Nevada;
22	(IV) the Board of County Com-
23	missioners of Lincoln County, Ne-
24	vada;

1	(V) the Board of County Com-
2	missioners of Nye County, Nevada;
3	and
4	(VI) the Archivist of the United
5	States.
6	(D) Administration.—
7	(i) Effect.—The map and legal de-
8	scription referred to in subparagraph (C)
9	shall have the same force and effect as if
10	the map and legal description were in-
11	cluded in this Act.
12	(ii) Corrections.—The Secretary
13	may correct clerical and typographical er-
14	rors in the map and legal description and
15	make minor adjustments in the boundaries
16	of the corridor.
17	(2) WITHDRAWAL AND RESERVATION.—
18	(A) Public land.—Subject to valid exist-
19	ing rights, the public land depicted on the map
20	referred to in paragraph (1)(C) is withdrawn
21	from all forms of entry, appropriation, and dis-
22	posal under the public land laws, including the
23	mineral leasing laws, the geothermal laws, the
24	material sale laws, and the mining laws

1	(B) Administrative jurisdiction.—Ad
2	ministrative jurisdiction over the land is trans
3	ferred from the Secretary of the Interior to the
4	Secretary.
5	(C) Reservation.—The land is reserved
6	for the use of the Secretary for the construction
7	and operation of transportation facilities and
8	associated activities under title I of the Nuclean
9	Waste Policy Act of 1982 (42 U.S.C. 10121 e
10	seq.)
11	(D) Memorandum of under
12	STANDING.—The Secretary may also enter into
13	a memorandum of understanding with the head
14	of any other agency having administrative juris
15	diction over other Federal land used for pur
16	poses of the corridor referred to in paragraph
17	(1)(A).
18	(c) Environmental Impact.—
19	(1) In General.—The Secretary shall comply
20	with all applicable requirements under the Nationa
21	Environmental Policy Act of 1969 (42 U.S.C. 432)
22	et seq.) with respect to activities carried out under
23	this section.
24	(2) Consideration of Potential impacts.—

To the extent a Federal agency is required to con-

1	sider the potential environmental impact of an activ-
2	ity carried out under this section, the Federal agen-
3	cy shall adopt, to the maximum extent practicable,
4	an environmental impact statement prepared under
5	this section.
6	(3) Effect of adoption of statement.—
7	The adoption by a Federal agency of an environ-
8	mental impact statement under paragraph (2) shall
9	be considered to satisfy the responsibilities of the
10	Federal agency under the National Environmental
11	Policy Act of 1969 (42 U.S.C. 4321 et seq.), and no
12	further consideration under that Act shall be re-
13	quired by the Federal agency.
14	SEC. 8. NEW PLANT CONTRACTS.
15	Section 302(a) of the Nuclear Waste Policy Act of
16	1982 (42 U.S.C. 10222(a)) is amended by striking para-
17	graph (5) and inserting the following:
18	"(5) Required Provisions.—
19	"(A) IN GENERAL.—Except as provided in
20	subparagraph (B), any contract entered into
21	under this section shall provide that—
22	"(i) following issuance of a license to
23	construct and operate facilities to receive
24	and store spent nuclear fuel at the Yucca
25	Mountain site, the Secretary shall take

1	title to the high-level radioactive waste or
2	spent nuclear fuel involved as expeditiously
3	as practicable upon the request of the gen-
4	erator or owner of such waste or spent
5	fuel; and
6	"(ii) in return for the payment of fees
7	established by this section, the Secretary,
8	beginning not later than January 31,
9	1998, shall dispose of the high-level radio-
10	active waste or spent nuclear fuel involved
11	as provided in this subtitle.
12	"(B) Exception.—Notwithstanding sub-
13	paragraph (A), with respect to a nuclear power
14	facility for which a license application is filed
15	with the Commission after January 1, 2008,
16	under section 103 or 104 of the Atomic Energy
17	Act of 1954 (42 U.S.C. 2133, 2134), a contract
18	entered into under this section shall—
19	"(i) except as provided in clause (ii)
20	and any terms and conditions relating to
21	spent nuclear fuel generated before the
22	date of enactment of the Nuclear Fuel
23	Management and Disposal Act, be con-
24	sistent with the terms and conditions of

the contract entitled 'Contract for Disposal

1	of Spent Nuclear Fuel and/or High-Level
2	Radioactive Waste' that is included in sec-
3	tion 961.11 of title 10 of the Code of Fed-
4	eral Regulations (as in effect on the date
5	of enactment of the Nuclear Fuel Manage-
6	ment and Disposal Act);
7	"(ii) provide for the taking of title to,
8	and removal of, high-level waste or spent
9	nuclear fuel beginning not later than 30
10	years after the date on which the nuclear
11	power facility begins commercial oper-
12	ations; and
13	"(iii) be entered into not later than 60
14	days after the date on which the license
15	application is docketed by the Commis-
16	sion.".
17	SEC. 9. NUCLEAR WASTE FUND.
18	(a) Budget Act Allocations.—Effective for fiscal
19	year 2008 and each fiscal year thereafter, funds appro-
20	priated from the Nuclear Waste Fund established under
21	section 302 of the Nuclear Waste Policy Act of 1982 (42
22	U.S.C. 10222) shall not be subject to—
23	(1) the allocations for discretionary spending
24	under section 302(a) of the Congressional Budget
25	Act of 1974 (2 U.S.C. 633(a)); or

- 1 (2) the suballocations of appropriations commit-
- tees under section 302(b) of that Act.
- 3 (b) Fund Uses.—Section 302(d)(4) of the Nuclear
- 4 Waste Policy Act of 1982 (42 U.S.C. 10222(d)(4)) is
- 5 amended by striking "with" and all that follows through
- 6 "storage site" and inserting "with surface facilities within
- 7 the geologic repository operations area (including surface
- 8 facilities for the receipt, handling, packaging, and storage
- 9 of spent nuclear fuel and high-level radioactive waste prior
- 10 to emplacement, or transportation to the repository of
- 11 spent nuclear fuel or high-level radioactive waste to sur-
- 12 face facilities for the receipt, handling, packaging, and
- 13 storage of spent nuclear fuel and high-level radioactive
- 14 waste prior to emplacement and the transportation, treat-
- 15 ing, or packaging of spent nuclear fuel or high-level radio-
- 16 active waste to be disposed of in the repository, to be
- 17 stored in a monitored retrievable storage site),".

18 SEC. 10. WASTE CONFIDENCE.

- 19 For purposes of a determination by the Nuclear Reg-
- 20 ulatory Commission on whether to grant or amend any
- 21 license to operate any civilian nuclear power reactor or
- 22 high-level radioactive waste or spent fuel storage or treat-
- 23 ment facility under the Atomic Energy Act of 1954 (42
- 24 U.S.C. 2011 et seq.), the provisions of this Act (including
- 25 the amendments made by this Act) and the obligation of

- 1 the Secretary to develop a repository in accordance with
- 2 the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10101
- 3 et seq.), shall provide sufficient and independent grounds
- 4 for any further findings by the Nuclear Regulatory Com-
- 5 mission of reasonable assurances that spent nuclear fuel
- 6 and high-level radioactive waste would be disposed of safe-
- 7 ly and in a timely manner.

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